

Claims

1. A rotatable base assembly for a single waste container of the type having a pair of opposite wheels by which said container may be wheeled when tipped, said base
5 assembly having a platform and a base, said platform being supported on said base for rotation about a substantially vertical axis, said platform having an upper surface and a front and a rear, an entry/exit at the front of said platform through which a said waste container may be moved wholly onto said platform or moved from said platform, and means for constraining said waste container on said platform, said constraining means
10 including means on said platform for receiving said wheels of said waste container for locating said container on said platform whereby a waste container supported on said platform may be rotated with said platform about said vertical axis.
2. A rotatable base assembly as claimed in claim 1 wherein said platform upper
15 surface comprises a substantially planar surface upon which the bottom of a waste container may seat and wherein said constraining means includes one or more ribs or ridges extending upwardly relative to said planar surface.
3. A rotatable base assembly as claimed in claim 2 wherein said ribs or ridges are
20 provided on opposite sides of the platform.
4. A rotatable base assembly as claimed in claim 3 wherein said wheel receiving means comprise recesses defined by said ribs or ridges .
- 25 5. A rotatable base assembly as claimed in claim 3 wherein said ribs or ridges converge towards each other from the front to the rear of the platform.
6. A rotatable base assembly as claimed in any one of claims 2 to 5 wherein said
30 constraining means include a rib or ridge located at the rear of said platform to act as a stop to said waste container.
7. A rotatable base assembly as claimed in claim 5 or claim 6 wherein said ribs or

ridges define a platform area substantially complementary to the cross section of the container and wheels.

8. A rotatable base assembly according to any one of the preceding claims and
5 including pivot means between the platform and base and defining said vertical axis.

9. A rotatable base assembly as claimed in claim 8 wherein said pivot means
comprise axle means located in aligned apertures arranged centrally in the platform and
base.
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10. A rotatable base assembly as claimed in claim 9 wherein said axle means
comprises a pin which positively connects said platform to said base.

11. A rotatable base assembly as claimed in any one of the preceding claims and
15 including bearing means between said platform and base to support the platform on the
base.

12. A rotatable base assembly as claimed in claim 11 wherein said bearing means are
radially spaced from the centre of the platform and base.
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13. A rotatable base assembly as claimed in claim 11 or claim 12 wherein said
bearing means are supported on one of the platform and base and cooperate with an
annular track on the other of the platform or base.

25 14. A rotatable base assembly as claimed in any one of claims 11 to 13 wherein said
bearing means comprise a plurality of bearings, said bearings comprising rollers mounted
for rotation about axes extending radially from the centre of the platform and base.

15. A rotatable base assembly as claimed in any one of claims 11 to 13 wherein said
30 bearing means comprise ball bearings.

16. A rotatable base assembly for a waste container of the type having a waste

chamber, wheels at the bottom of and on one side of said chamber and a lid hinged to said chamber for movement about a hinge axis on said one side of said chamber and above said wheels, said base assembly comprising a platform and a base for said platform, said platform being supported for rotational movement about a substantially
5 vertical axis to said base, pivot means interconnecting said platform and said base and defining said vertical axis of rotation of said platform, said platform having an entry/exit and being rotatable between a first position in which said waste container may be moved wholly onto said platform through said entry/exit to a position over said pivot means or moved from said platform through said entry/exit and a second position in which said
10 container and platform are rotated about said vertical axis such that said container is constrained from movement to or from said platform and said platform including means for locating said waste container on said platform, said locating means including means for receiving said wheels of said container.

15 17. A rotatable base assembly as claimed in claim 16 wherein said second position is approximately 180° from the first position.

18. A rotatable base assembly as claimed in claim 16 or claim 17 wherein said
20 container is located by ribs or ridges on said platform.

19. A rotatable base assembly as claimed in claim 18 wherein said entry/exit is
bounded at least on opposite sides by said ribs or ridges.

20. A rotatable base assembly as claimed in claim 19 wherein said ribs or ridges
25 define recesses on opposite sides of said platform for receiving said wheels of said container.